CHRIST
(DEEMED TO BE UNIVERSITY)
BANGALORE · INDIA

# DEPARTMENT OF PHYSICS AND ELECTRONICS

## *Feedback and Analysis Report of the curriculum for the academic year 2024-25*

Head
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Bengaluru - 560 029

# CHRIST (Deemed to be University), Bengaluru – 560 029
# Department of Physics and Electronics

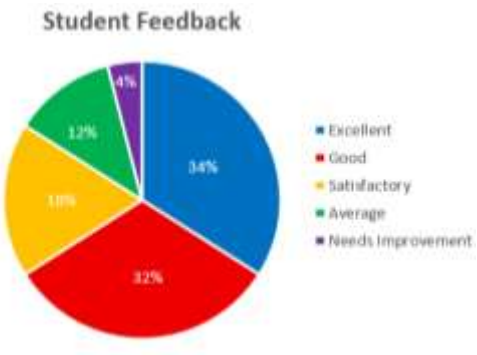
## Comments on feedback analysis based on the pie chart

Comments on Expert Feedback


- A majority of experts (70%) rated the course as Excellent or Good, indicating that the curriculum design and delivery methods meet academic and industry expectations.
- The 40% 'Excellent' rating suggests strong endorsement for the current course content, with appreciation for its relevance and structure.
- The 30% 'Good' rating reflects that while most areas are strong, experts see room to include cutting-edge developments or practical components.
- 20% rated it as 'Satisfactory', implying moderate satisfaction but hinting at scope for technical upgradation or inclusion of case studies.
- The 10% 'Average' rating indicates some reviewers found the course basic or in need of refreshing certain modules.
- Importantly, no expert marked 'Needs Improvement', which confirms there are no major concerns or critical gaps in course quality.

Comments on Student Feedback

- A combined 66% of students (Excellent + Good) expressed a strong level of satisfaction, suggesting that faculty engagement, course clarity, and content relevance are well-received.

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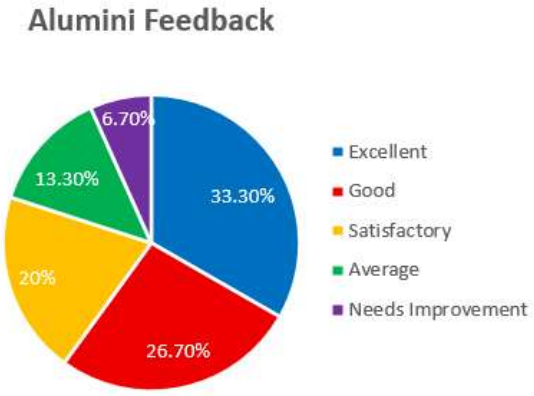
- The 34% 'Excellent' rating reflects a high level of student appreciation for teaching methods, faculty support, and the overall learning environment.
- The 32% 'Good' rating suggests that while most students are satisfied, there are minor issues like lab access, teaching pace, or content depth that could be improved.
- 18% marked 'Satisfactory', which points to an average academic experience, potentially lacking practical exposure or interactive learning.
- The 12% 'Average' responses indicate some students felt the course was neither bad nor impressive, possibly due to less engaging teaching aids or materials.
- Only 4% reported 'Needs Improvement', a positive sign that serious dissatisfaction is minimal, though it's important to investigate specific concerns to further enhance the student experience.

Comments on Alumni Feedback

- A significant 60% of alumni rated the program as Excellent or Good, affirming its long-term impact on careers and higher studies.
- The 33.3% 'Excellent' rating indicates the curriculum has lasting value and applicability beyond graduation.
- The 26.7% 'Good' category shows appreciation with minor suggestions, likely focused on industry exposure or career counselling.
- 20% selected 'Satisfactory', implying usefulness of the program but also suggesting it could benefit from enhanced real-world alignment.
- 13.3% marked 'Average', indicating that some alumni felt their learning outcomes were adequate but not career-transforming.

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- Only one (6.7%) felt the program needs improvement, reflecting an overall positive alumni perception with isolated recommendations.

## Comments based on the pie chart and more details on the curriculum

Comments on Expert Feedback

- A majority of experts (57%) rated the curriculum as Good, commending the pedagogical flow from wave to matrix mechanics, real-life applications, and appropriate topic progression from UG to PG.
- Experts appreciated the inclusion of fundamental quantum topics, reference materials, and the balance between theory and advancements like quantum computing and entanglement.
- 43% provided Average suggestions, indicating a need for terminology refinement, minor syllabus restructuring, inclusion of advanced approximation methods, and more application-driven labs.
- No experts rated it under 'Needs Improvement', suggesting strong foundational approval with scope for fine-tuning.

Comments on Student Feedback

- Only 14% of students gave positive feedback, finding the syllabus clear and well-structured in theory papers.
- 29% reported Average concerns, mainly about class coordination and the need for more visual/pictorial teaching methods to simplify complex concepts.
- A significant 57% highlighted Needs Improvement, particularly targeting the lab component, citing lack of theoretical support, outdated or insufficient equipment, and inadequate practical exposure.
- The feedback shows that while classroom teaching is appreciated, there is a strong student demand for better lab integration and infrastructure.

Comments on Alumni Feedback

- A strong 67% of alumni shared positive feedback, appreciating curriculum relevance to higher education, employability, research, and real-life application.

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- Alumni highlighted the encouragement of entrepreneurship and research mindset, and valued the overall Christ experience.
- 25% expressed Average satisfaction, recommending stronger alignment with industry expectations and updates to Electronics content.
- Only 1 alumnus (8%) marked Needs Improvement, suggesting entrepreneurship development needs further emphasis.
- Overall, alumni feedback reflects solid program outcomes, especially in academic and career readiness, with scope for industry-research integration.

## Action plan on based on Feedback analysis

To strengthen academic offerings and industry relevance, an immediate action plan includes the introduction of an Astrophysics Minor at the undergraduate level, providing students with interdisciplinary exposure and research-based learning in space sciences. Concurrently, the postgraduate Electronics syllabus will be restructured to integrate emerging technologies, such as embedded systems, IoT, VLSI, and industry-relevant software tools, ensuring alignment with current industrial demands and enhancing graduate employability. Both initiatives will be implemented through faculty development programs, industry-academia consultations, and curriculum approval by the Board of Studies and Academic Council within the upcoming academic year.